USER MANUAL

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HDMI 1x16 SPLITTER

Dear Customer

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

1.0 INTRODUCTION

This HDMI 1x16 Splitter is an HDMI splitter with sixteen outputs. It distributes the HDMI signal from the input to sixteen identical outputs simultaneously. This product has the property of buffering and amplifying.

This HDMI 1x16 Splitter offers solutions to the following: HDTV, STB, DVD, factory Projector, data center control, information distribution, conference room presentation, school and corporate training environments as well as the concern to noise, space and security.

1.1 FEATURES

This HDMI 1x16 Splitter has many features that enable it to perform in a superior manner. Among those features you will find:

- Easy to Use: Install in seconds, no need of setting.
- Supports highest video resolution 1080p.
- Supports 225MHz/2.25Gbps per channel (6.75Gbps all channel) bandwidth.
- Supports 12bit per channel (36bit all channel) deep color.
- Supports HDCP.
- Supports uncompressed audio such as LPCM
- Supports compressed audio such as DTS Digital, Dolby Digital（including DTS-HD and Dolby True HD）

2.0 SPECIFICATIONS

Signal Inputs/Output	
Input Video Signal	0.5 -1.0 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Maximum Single Link Range	1920X1200, 1080P
Output Video	HDMI
Operating Frequency	
Frequency	Up to 225MHz
Resolutions(HDTV)	
Interlaced(50&60Hz)	480i,576i,1080i
Progressive(50&60Hz)	480p,576p,720p,1080p
Mechanical	
Size(L-W-H)	441×202×45㎜
Weight(Net)	2275g
Warranty	
Limited Warranty	1 Year Parts and Labor

Environmental	
Operating Temperature	0℃ to +70℃
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10℃ to +80℃
Storage Humidity	5% to 90 % RH (no condensation)
Power Requirement	
External Power Supply	5V DC@ 4A
Power consumption (Max)	20W
Regulatory Approvals	
Converter Unit	FCC,CE,UL
Power Supply	UL,CE,FCC
Accessories Adapter	
AC Power Adapter	US standard, UK standard and so on
User Manual	

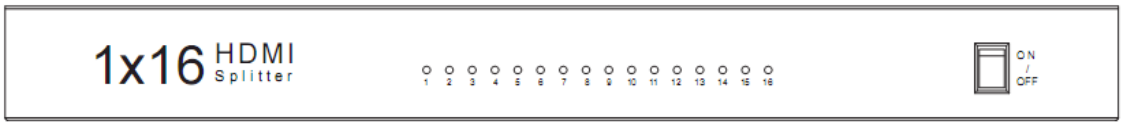
Note: Specifications are subject to change without notice.

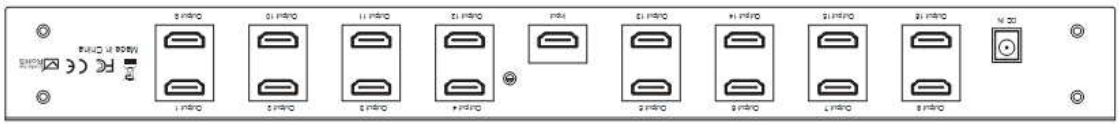
3.0 PACKAGE CONTENTS

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

1) Main unit
2) 5V DC Power Supply.
3) User's Manual.

4.0 PANEL DESCRIPTIONS





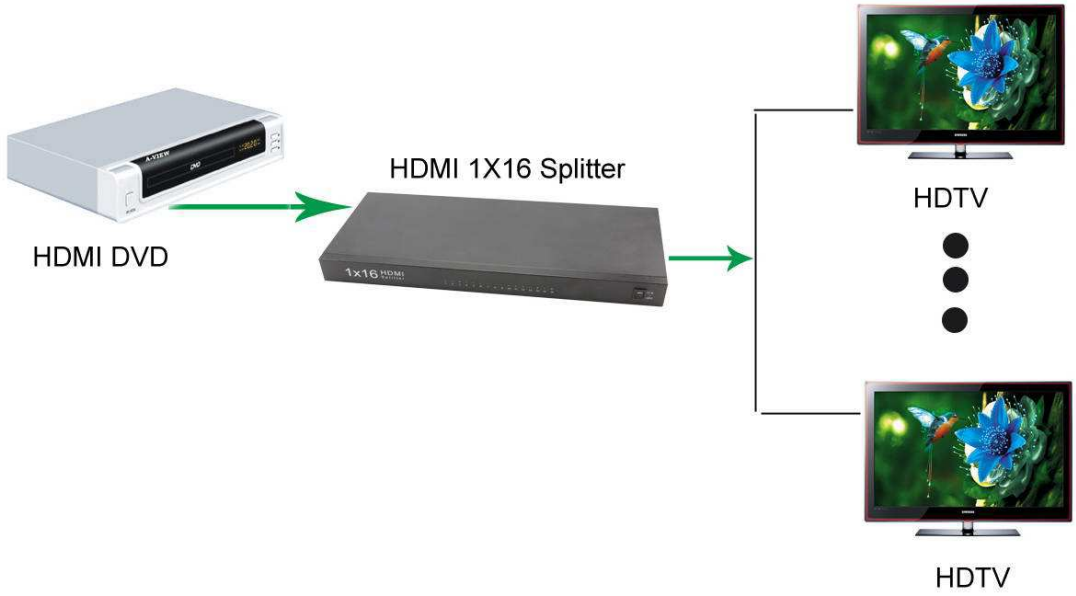
5.0 CONNECTION AND OPERATION

1) Connect the HDMI input source and output devices into the HDMI Amplifier Splitter. (HDMI cables are optional)
   *please refer to the connection diagram section.
2) Insert the DC side of 5v power supply into it and then connect the AC side of the power supply into the wall outlet.

3) Turn on the power.

Attention: Insert / Extract cable gently.

5.1 CONNECTION DIAGRAM



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